USER MANUAL

Get to know your DentalVibe® GEN 3

Learn the correct pressure that stimulates the sensory receptors by experiencing the DentalVibe on yourself first.

1. Place a new comfort tip on to the DentalVibe and turn it on.
2. Rest the vibrating tip above your upper lip. Apply differing pressure to the skin and you will notice that a light touch delivers the greatest amount of stimulation.

For one-on-one personal training call me directly at 561-613-6377.

Steven G. Goldberg, DDS, FADFE
Inventor of the DentalVibe

Laser Calibrated

laser calibration

Elastomeric coated comfort tips are laser calibrated to a specific frequency and amplitude, effectively stimulating the mechanoreceptors within the oral mucosa. ***Heat or chemical sterilization causes deformation of the elastomeric, rendering the DentalVibe® ineffective.*** This specific frequency and amplitude is not attainable with a rigid plastic or metal component.

covering

Do Not restrict the DentalVibe

The covering of a tip with any type of material that restricts the frequency and amplitude will negate the pain blocking effect. *Any restriction* of the vibrating tip creates excessive wear and tear on internal moving components rendering the DentalVibe in-effective, voiding all warranties.

⚠ ***WARNING:*** ***Do Not inject through a plastic sheath as this will deposit plastic particulate matter submucosally acting as a foci for foreign body infection.***

Charging

DentalVibe® is equipped with a Nickel Metal Hydride (NiMH) rechargeable battery.

Only use provided power supply.

Model # GTM 41076-0615
Input 100-240V, 50-60Hz, 0.5A
Output 15V, 0.4A

1. Insert power supply cord into recepticle on charger base, plug power supply into an electrical outlet. Use international plug adaptors as needed.

2. Charge the DentalVibe at least 15 hours before initial use.

3. After each patient use, place the DentalVibe back in it's charging base. ***Note:*** Battery does not experience the "memory effect".

DENTALVIBE LED INDICATOR LIGHT
BLINKS GREEN (on charger) when ready for use.
BLINKS AMBER (on charger) while charging.
BLINKS AMBER (off charger) when in need of a charge.
Note: DentalVibe needs to be placed on charger until light blinks green.

Comfort Tip

Note: Comfort Tips are Latex-Free.

Installing the Comfort Tip for use

Remove a fresh Comfort Tip from it's sealed bag in plain view of your patient. Align the arrow on the Comfort Tip with the arrow on the DentalVibe® unit. Push straight down until it snaps on securely. (see photos)

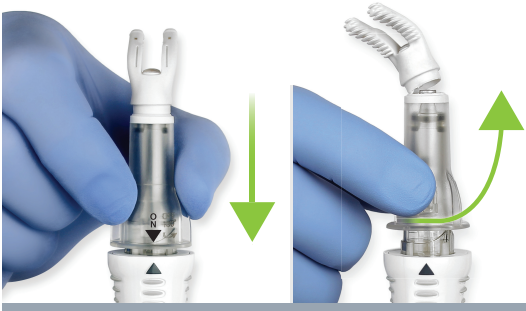
You are now ready to deliver a comfortable injection!

Removing the Comfort Tip after use

1. While holding the DentalVibe unit in one hand, grasp the clear plastic portion of the Comfort Tip with your other hand, rotate 180° counter-clockwise and lift up to remove. The tip will tear, preventing re-use and cross contamination.

2. After each patient use, return the DentalVibe unit back to it's charging base.

Note: Safe with pacemaker/defibrillator when used normally in accordance with intended use.



INSTALLING / REMOVING COMFORT TIP

DO NOT RE-USE

BIOHAZARD AFTER USE

Infection-control protocol for comfort tips.

⚠ ***WARNING: Do Not re-use the Tip.***

Comfort Tips must be disposed of after each patient use to prevent cross-contamination and ensure FDA compliance of infection-control protocols. **These tips are porous, contain microfilaments and will harbor blood, saliva and bacteria.** Dispose of used White Tip in red bag (hazardous waste).

Injections with DentalVibe®

1. The use of a topical anesthetic is optional.

2. Hold the DentalVibe as a retractor in a similar fashion as you would hold a dental mirror. (It is designed with the same angles for ease of use.)

3. Activate the DentalVibe by fully depressing the On/Off button; and then introduce the vibration to your patient by gently touching the back of their hand or on the outside of their cheek before placing in the mouth.

4. Position DentalVibe's Comfort Tip on the oral mucosa at the injection site. (see photos)

   Note: A light touch is all that is needed. Excessive pressure will dampen the vibration, negating the pain-blocking effect.

For Infiltrations and Mandibular Blocks (IA), maneuver to retract the lip/cheek as you would with a dental mirror. For Palatal injections, position the very tip of one of the prongs on the palate. (see photos)

5. Use the DentalVibe to stimulate the injection site for 3-5 seconds before inserting the needle. Maintain tissue contact and keep the vibrating prongs on the oral mucosa while injecting.

With maxillary infiltrations, avoid vibrating the maxilla as this may cause discomfort in some patients. ***Exception:*** **For Mandibular Blocks (IA)** you must push the vibrating prongs deeper into the buccal mucosa and vibrate the mandible while simultaneously injecting.

6. Always insert the needle as close as possible to one of the vibrating prongs. The strongest vibration is adjacent to the edges of the prongs (see effective area). ***Note:*** It is okay if the needle touches the vibrating prong.

7. Continue stimulation of the oral mucosa until delivery of the anesthetic solution is complete. Then, remove the needle and continue tissue stimulation for an additional 3-5 seconds. This will help diffuse the solution through the tissue, periosteum and bone.

8. Shut off the DentalVibe by fully depressing the on/off button.

Infiltrations

Palatal

Block

- ***Watch included CD or visit www.dentalvibe.com/training for instructional videos.***

Caring for your DentalVibe®

SUPPLIED PARTS: DentalVibe hand piece, Charging base with Power Supply and Comfort Tips.

CLEANING INSTRUCTIONS: Wipe handle clean with plastic safe surface disinfectant. Thoroughly wet the handle and ensure that the surface remains visibly wet for 1 minute at room temperature (68°F/20°C).

- Do Not place DentalVibe or Comfort Tip in an autoclave.
- Do Not immerse DentalVibe or Charger in water.
- Remove the power cord plug from the electrical outlet before cleaning the charger.

Permissible environmental conditions during normal use.			
	Temperature	Humidity	Barometric Pressure
Operating:	+18°C to +30°C	30-85% RH	100kpa-50kpa
Storage:	-20°C to +45°C	10-85% RH	100kpa-50kpa

⚠ **DO NOT OPEN THE DENTALVIBE OR CHARGING BASE.**

The internal circuit boards are manufactured in a static-free environment. For service or battery replacement, please call 1-877-503-VIBE (8423) for an authorized Bing Innovations, LLC Service Center closest to you.

INTENDED USE:

DentalVibe® is intended for use by dental professionals in a dental office setting. It has been carefully designed to offer your patients a more comfortable dental injection experience that is both safe and effective. It does not modify the tissue or impart energy and is not intended for therapeutic, diagnostic or any other purpose.

- The use of the DentalVibe varies between 10-60 seconds per application.
- Contraindication for use: Do not use in an area where an abcess is present.

⚠ WARNING:

Read all instructions before use.

1. Do not place or store the charger where it can fall or be pulled into a sink.
2. Do not place the hand held unit or charger in water or other liquid.
3. Do not reach for a charger that has fallen into water. Unplug immediately.
4. Use this type B applied product only for its intended use as described in the manual. Do not use attachments or chargers not recommended by the manufacturer.
5. Position the charger so the power supply is easy to unplug.
6. Never insert any objects into any opening of the unit or charger base.
7. Never operate the product if it has a damaged cord or plug, not working properly, has been dropped, damaged or submerged into water. If any of these occur, contact a service center and return the product for examination and repair.

⚠ IMPORTANT:

8. Periodically check the cord for damage. If cord is damaged, ship the charging unit to a Bing Innovations Service Center. A damaged or non-functioning unit should no longer be used.
9. Do not touch the power cord with wet hands as this can cause electric shock.
10. When unplugging, always hold the power plug instead of the cord.
11. Do not put metal objects such as coins or clips on the charger. This may generate heat, damaging the unit and heating the metal item presenting potential burn hazards.
12. ⚠ No User Serviceable Parts. Do not modify this equipment without authorization of the manufacturer. If equipment is modified, appropriate inspection and testing must be conducted to ensure continued safe use.
13. Batteries are not user serviceable.
14. ⧈ Equipment protected from AC power by double insulation or reinforced insulation by use of the supplied power supply. Will not cause electromagnetic interference and complies with 601-1-2.

Limited 1 year warranty

Bing Innovations, LLC warrants this appliance to be free of defects in material and workmanship for a period of one year from the date of original purchase. If appliance exhibits such a defect, Bing Innovations, LLC will, at its option, repair or replace it without cost for parts and labor. The product must be shipped, prepaid and insured (recommended), to an authorized Bing Innovations, LLC Service Center. Proof of date of original purchase is required. The cost to ship the product to an authorized Service Center is the responsibility of the dental practice; the cost to return the product to the dental practice is the responsibility of Bing Innovations. Warranty does not cover finishes or normal wear, nor does it cover damage resulting from accident, misuse, dirt, water, tampering, unreasonable use, use of any tip other than those supplied by Bing Innovations, LLC or covering the tip with a plastic sleeve, service performed or attempted by unauthorized service agencies, failure to provide reasonable and necessary maintenance, including recharging, or units that have been modified or used for commercial purposes. ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF ORIGINAL PURCHASE. IN NO EVENT WILL BING INNOVATIONS, LLC BE RESPONSIBLE FOR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other legal rights which vary from state to state.

OBTAINING SERVICE:

Should this product require service, please call 1-877-503-VIBE (8423) to be referred to the authorized Bing Innovations, LLC Service Center closest to you.

Contact us at any time for battery replacement and unit recalibration for a service fee of $50; includes return shipping cost in U.S.

EXPLANATION OF SYMBOLS			
	Consult User Manual		Electrical Hazard
	Do Not Re-Use		Double Insulated
	Biohazard after use		Manufacturer
	Warning		European Conformity
	Type B applied part		European Authorized Rep.

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CE

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Model Name: DentalVibe GEN 3
Model # DV0003

Manufactured in the USA.

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